



CH2M HILL

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November 6, 2002

Ms. Kristy Chew
Siting Project Manager
California Energy Commission
1516 Ninth Street, MS-15
Sacramento, CA 95814

RE: Data Responses, Set 3K
Cosumnes Power Plant (01-AFC-19)

On behalf of the Sacramento Municipal Utility District, please find attached 12 copies and one original of the Data Responses, Set 3K, in response to Staff's Data Requests dated April 5, 2002.

Please call me if you have any questions.

Sincerely,

CH2M HILL



John L. Carrier, J.D.
Program Manager

c: Colin Taylor/SMUD
Kevin Hudson/SMUD
Steve Cohn/SMUD

COSUMNES POWER PLANT (01-AFC-19)

DATA RESPONSE, SET 3K (Supplemental Response to Data Request: 237)

Submitted by
**SACRAMENTO MUNICIPAL
UTILITY DISTRICT (SMUD)**

November 6, 2002



2485 Natomas Park Drive, Suite 600
Sacramento, California 95833-2937

Technical Area: Water and Soil Resources

Author: Philip Lowe, P.E., Greg Peterson, P.E., and Richard Latteri

CPP Authors:

BACKGROUND

Data Requests 123 and 124 requested background information on the historic Rancho Seco Plant (RSP) discharge and downstream receiving waters. The response in Set 1A provided summary information on RSP "wastewater" discharge flow but said that no information was readily available for Hadselville Creek, Laguna Creek, or the Cosumnes River. Data Response 123 in Set 1A did not provide hydrologic or water quality data for Hadselville Creek, Laguna Creek, or the Cosumnes River.

Data Response Table W&SR-124 provided in Set 1A lists the discharge rates from RSP to Clay Creek but provides no water quality data for Clay Creek. The response that "November to March stormwater runoff flows will probably make the unnamed Clay Creek tributary flow slightly higher" is not an adequate response.

At the January 23, 2002, data response workshop, the applicant stated that supplemental dilution water will come from the Folsom-South Canal but the quantity and point of discharge to Clay Creek was not known. Staff's February 15, 2002, site visit showed that flow charts at the Folsom-South Canal Pump Station indicated greater water use than reported in Data Response 123 Table W&SR-123.

DATA REQUEST

237. Please provide representative flow records for the Folsom-South Canal Pump Station and all other applicable flow metering points within the RSP.

Response: Attached is a memo dated October 28, 2002, with the corrected Folsom-South Canal meter readings for 2001.

SACRAMENTO MUNICIPAL UTILITY DISTRICT

TO: Kathy Schroeder, USBR
Fax (916) 989-7208

DATE: 10-28-02
NOS 02-107

FROM: Mike Hieronimus

SUBJECT: **2001 CANAL STATION READING**

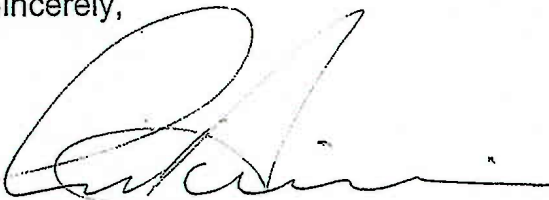
The purpose of this memo is to inform you of an error in the Canal Station readings for the year 2001. The Canal Station reading in December 2001 was in error. Attached is a corrected canal station reading for December 2001.

To summarize our problem the Canal Station Recorder (FR-43001) will automatically resets to zero after every 5,999.9 acre-feet, in the month of December 2001 the recorder was not set-up to reset. In December 2001 the Operations Department noted that the meter had stopped working and notified the I&C Department that a repair to the meter was required. By the time the recorder was reset to zero some weeks had passed. During that time we continued to operate the Canal Pumps.

We are making every effort to ensure that this recorder is set to automatically roll over at 5999.9. At this time I would like to request a telephone conference with you, please call me at (916) 732-4868 for this telephone conference.

I apologize for any inconvenience we have placed on you.

Sincerely,



Mike Hieronimus
Unit Operations Superintendent

Cc: Steve Redeker
Kevin Hudson
NOS File
RIC

SACRAMENTO MUNICIPAL UTILITY DISTRICT

OFFICE MEMORANDUM

TO: Kathy Schroeder, USBR
Fax (916) 989-7208

DATE: 10-23-02
NOS 02-110

FROM: Mike Hieronimus

SUBJECT: **CORRECTED CANAL STATION READINGS FOR 2001**

JAN 1257.95 ACRE FEET
FEB 1028.27 ACRE FEET
MARCH 1131.60 ACRE FEET
APRIL 1147.13 ACRE FEET
MAY 1318.20 ACRE FEET
JUNE 1252.49 ACRE FEET
JULY 1317.12 ACRE FEET
AUG 1260.41 ACRE FEET
SEPT 1164.82 ACRE FEET
OCT 1202.34 ACRE FEET
NOV 1129.08 ACRE FEET
DEC 459.43 / 1200.85 ACRE FEET

TOTAL

13,668.84 / 14410.26 ACRE FEET

Cc: NOS
RIC